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9. (Amended) The apparatus as claimed in claim 7, wherein the flexible connection (15) is enclosed by a tubular mesh (17), the mesh (17) terminating essentially flush with the surface of the piece (14).

11. (Amended) The apparatus as claimed in claim 1, wherein a defect which serves as a reference for the linear measurement is provided in at least one predetermined region of the waveguide (5).

REMARKS

The above amendments to the claims is intended to eliminate the multiple dependency claim fee.

Respectfully submitted,

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- 3. (Amended) The apparatus as claimed in claim 1 [or 2], wherein the waveguide comprises 19 individual wires and is made up of three layers (11, 12, 13).
- 4. (Amended) The apparatus as claimed in claim 1 [, 2 or 3], wherein the twisting of the individual wires (10) in the individual layers (12, 13) is in opposite directions.
- 7. (Amended) The apparatus as claimed in claim 5 [or 6], wherein the flexible intermediate piece (15) is a wire cable or a universal joint.
- 8. (Amended) The apparatus as claimed in claim 6 [or 7], wherein the connection (16) between the piece (14) and the flexible intermediate piece (15) is a crimped connection.
- 9. (Amended) The apparatus as claimed in claim 7 [or 8], wherein the flexible connection (15) is enclosed by a tubular mesh (17), the mesh (17) terminating essentially flush with the surface of the piece (14).
- 11. (Amended) The apparatus as claimed in <u>claim 1</u> [one or more of the preceding claims], wherein a defect which serves as a reference for the linear measurement is provided in at least one predetermined region of the waveguide (5).